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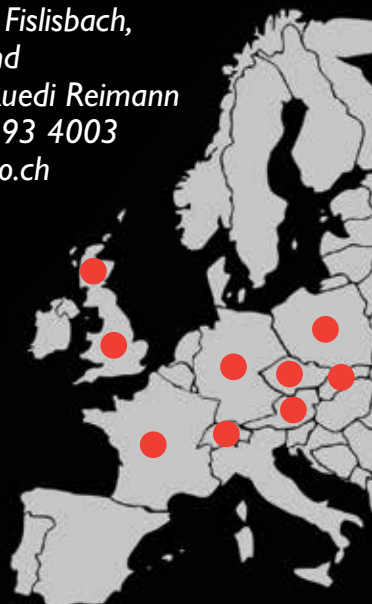

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Industry awaits CIMES 2014

The 19th edition of CIMES (China International Machine Tool & Tools Exhibition), Asia's largest machine tool trading and sourcing event, is set to take place on 18-22 June in Beijing. Located at the New China International Exhibition Centre (NCIEC), the show will cover 120,000 sq m. Organised by Reed Exhibitions, more than 100,000 visitors are expected to come and see the latest products and services displayed by 1300 exhibitors.

Despite economic turbulence in the global machine tool trade over recent years, CIMES has sustained steady growth, filling all eight halls in the NCIEC during its most recent edition. This clearly reflects China's strong economic growth and ever growing market demands. The country is currently two years into its latest (12th) five-year plan, which places great emphasis on the development of the railway, automotive and energy sectors. Machinery Trade International will have a presence at the show, distributing additional printed copies of the latest issue of MTI magazine to show visitors.

For further information
www.cimes.net.cn

MecWash meet auto standards

Birmingham-based Concentric AB, a manufacturer of diesel engine pumps and niche hydraulic systems, has taken delivery of a fifth MecWash aqueous component cleaning and degreasing system following a comprehensive benchmarking process. The latest parts washer, a MecWash Midi, is joined by an Aqua-Save Junior waste wash water recycling system, to increase the length of time between wash water changes.

"Our Birmingham plant focusses on producing complex, high-end products and our customers demand the highest levels of quality in all aspects of our operation," says Mark McFall, manufacturing engineering manager. "Having trialled a number of cleaning methods, the MecWash Midi was the only one that exceeded the cleanliness levels demanded by our customer, inside the required takt time."

For further information
www.mecwash.co.uk

Mazak expand apprentice offer

Machine tool manufacturer Yamazaki Mazak UK is on the lookout for budding service engineer apprentices to join the company. Mazak is looking recruit two apprentices to join its field service engineering apprentice scheme at Worcester, as well as further apprentices to be based in Southampton, Bury St Edmunds, Manchester and Newcastle.

The three-year scheme will involve comprehensive training programmes, all of which will take place at the Worcester site, with a view to learning and honing the skills required to maintain, service and repair machine tools. Applicants are asked to send their CV and covering letter using the reference number found at the web address below. Closing date is 16 June.

For further information
www.mazak.eu/uk-education-and-jobs

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Hurco report record MACH

Hurco Europe says that the MACH 2014 exhibition held in Birmingham during April was its most successful ever: the company took 27 orders valued at nearly £2m, up 70% up on the previous show in 2012. Among those placing orders were SRS Precision of Stourbridge, Leeways Packaging Services of Gloucester, Huddersfield-based HB Bearings and Si-Can of Worcester.
For further information www.hurco.co.uk

ANSYS purchase SpaceClaim

ANSYS, a developer of engineering simulation software, has acquired SpaceClaim Corp, a provider of 3D modelling software for engineers, for a purchase price of $85m in cash plus retention and an adjustment for working capital. The two companies have partnered in the past to offer customers ANSYS SpaceClaim Direct Modeller. "SpaceClaim is an exciting addition to our portfolio as it addresses unmet 3D modelling needs in the conceptual modelling, manufacturing and 3D printing arenas, which represents an audience of 5 million users," says Jim Cashman, president and CEO of ANSYS.
For further information www.ansys.com, www.spaceclaim.com

Agency deal for Leader CNC

Leader CNC Technologies has become the exclusive UK and Ireland distributor for Gruppo Parpas of Italy. Leader CNC says it is particularly excited by the potential of the Gruppo Parpas table-type horizontal machining centres and five-axis machining centres. Since its inception in 1951, Gruppo Parpas has built a pedigree in the design and manufacture of medium to large CNC machine tools, including five-axis models.
For further information www.leadercnc.co.uk

KMF share productivity pot of £105,000

KMF Precision Sheet Metal's 'Productivity Share Scheme' (PSS) goes from strength-to-strength, with 165 employees sharing a pot of over £105,000 (£636 each) after successfully completing the 4th annual running of the scheme. The PSS is now firmly established as KMF's preferred vehicle for encouraging, capturing and sustaining employee led improvements across all activities.

The success of the scheme is measured by the fact that some 260 employees signed up for PSS4 in April 2013 and embarked on the challenge of delivering improvements to productivity. Key to the project

is the fact that employees are not only making suggestions, but also becoming involved in their implementation and delivery.
For further information www.kmf.co.uk

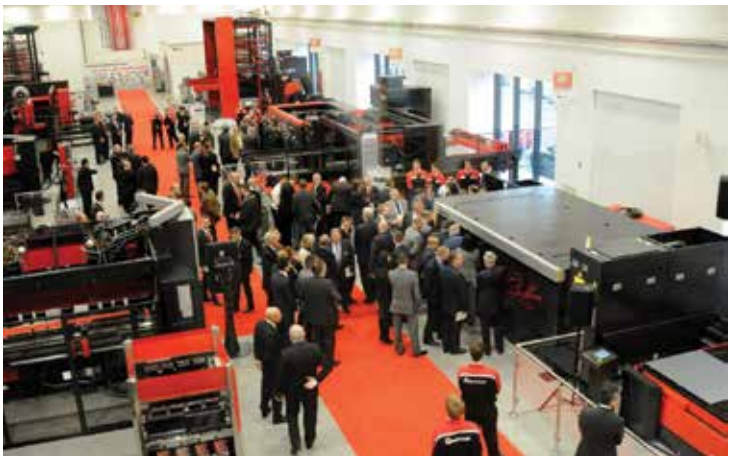
Ajax launch AJCBM mills

With a budget less than £23,000, workshops and training schools can now acquire the AJCBM 720 milling machine with a 1270 x 254 mm table and travels of 720 x 380 x 500 mm. The turret style head can tilt 90° left and right, while the spindle speed is controlled from the CNC via an inverter giving 60 to 3,800 rpm. When used in manual mode, the CNC displays the position as a DRO. The Heidenhain control enables the machine to run in CNC mode with full three-axis interpolation, being able to be programmed in conversational or ISO G code languages. The AJCBM range starts at the 720 and goes through seven sizes up to the 3000 which has travels of 3000 x 800 x 650 mm and a table size of 3300 x 700 mm.
For further information www.ajax-mach.co.uk

Amada UK celebrate

Sheet metal machinery specialist, Amada UK, has officially opened its reconstructed UK Technical Centre (UKTC) in Kidderminster. A sparkling, Japanese-themed grand opening ceremony was marked by the presence of Mitsuo Okamoto, the president and CEO of Amada Group.

"Today, Amada Group has more than 20 organisations in Europe for R&D, manufacturing, sales and service, however, our very first European subsidiary was Amada UK, which opened in 1972," he said. "The first Amada show plaza opened on the Kidderminster site in 1986, and so, almost 30 years later, we are all hoping this new technical centre will be an invaluable asset



for our engineers to share the latest technologies and processes with our customers." The new showroom currently features 12 machine/ system installations, seven of which are new to the UK.
For further information www.amada.co.uk

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Scharmann FB100

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Amada Promecam APX10030

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Ajax 1500 X-820mm, Y-455mm, Z-150mm

Milling Machine – CNC Knee Type **£5950**

Kearns 3" spindle

Borer – Horizontal **£5750**

Leadwell V30 X-760mm, Y-410mm, Z-410mm

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A good turn from Mills

Specialist motorsport exhaust parts and systems manufacturer, Aylesbury-based Good Fabrications, has invested in two new Doosan lathes from Mills CNC. A 10" chuck Puma 2600 lathe and an 8" chuck box guideway Puma GT2100 have helped the company eliminate subcontract machining costs. "Subcontracting can often become the weakest link in your own supply chain – as you are at the mercy of a third party," says general manager Ross Allen. "The parts we machine (mainly from Inconel but also stainless steel) are performance-critical components. They are supplied to our in-house fabrication/ welding operations and they have to be right first time, every time. Our new lathes are powerful and reliable machines. They are rigidly-built and thermally-stable, and are equipped with advanced spindle technology."
For further information www.millscnc.co.uk

Dyson machine marks XYZ milestone

XYZ Machine Tools has delivered its 5000th XYZ ProTurn lathe, in the form of a ProTurn SLX 425 to design and technology company, Dyson. The machine will be used to further expand the company's prototype machining capacity at its Malmesbury headquarters. Speaking as the machine was delivered, Nigel Atherton, XYZ Machine Tools' managing director, said: "We are extremely proud to have reached this milestone in machine sales with the ProTurn range and, for this machine to be delivered to Dyson, a long-standing customer, is the icing on the cake." Steve Tremlin, Dyson's head of prototyping (UK) added: "Some 13 years ago Dyson introduced a CNC machine to its R&D facility – a ProTurn 410. It's still running eight hours a day alongside other high tech machines as we develop more technology than ever before."
For further information www.xyzmachinetools.com

Nakamuras add efficiency at RPE

Abingdon-based Reading Precision Engineering is investing in Nakamura Tome turn-mill machines to allow it to produce parts in one hit from bar and billet. The company has just taken delivery of a WT300 twin-spindle, twin-turret turning centre with 10" chuck and 80 mm through-spindle bar capacity, and a Nakamura SC-200 single chuck turn-mill with 65 mm bar capacity and a 1500 mm multi-load barfeed.

Also on order is a Nakamura Super NTJX twin-turning-spindle machine with swivel-head five-axis machining capability, 1500 mm multi-load barfeed and 65 mm bar capacity. All are being supplied by Turning Technologies, a member of the Engineering Technology Group and the sole UK representative for Nakamura-Tome turning centres.

"Some of our work currently needs four operations, two on a lathe and two on a milling machine – with the Nakamuras we will be able to do that in one hit," says sales manager Mike Leonard. "It is obviously more cost-effective and it makes you more competitive. It also removes the possibility of components getting damaged when they are handled between operations."
For further information www.engtechgroup.com

Past meets present at AJ Glew

The purchase of a Harrison Alpha 1400XS manual/CNC lathe from 600 UK has brought major improvements in speed, product quality and cost-effectiveness to AJ Glew, a restorer of vintage Rolls-Royce and Bentley motor cars. The Alpha is used for turning up to 400 automotive parts, manufactured to the specification of original Rolls-Royce technical drawings. AJ Glew believes that the investment has already paid for itself, in terms of improving manufacturing turnaround times.

"I had actually been looking at a more complex lathe from another manufacturer, but when I saw the Alpha I realised it fitted the bill perfectly," says company founder, Allan Glew. "The Alpha is designed as an entry level model and, as such, represents a natural progression from our existing manual process."

Another key selling point was the fact that the Harrison Alpha is a British brand. "We like to keep true to Rolls-Royce's British roots, so it is great that even a modern piece of kit like the Alpha is part of the nation's engineering heritage," adds Mr Glew. "We've gone from averaging a few parts per day, to as many as eight in an hour."
For further information www.600uk.com

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Techno order three Miyanos

The Techno Group (with sites at Rugby and Hastings) has ordered three Miyano fixed head, turn-mill centres from Citizen Machinery UK which are to play a key role as part of ongoing restructuring and expansion plans at this precision subcontractor. The Miyano turn-mill centre orders for two BNJ-42SY5 and an ABX-64SYY bring what operations director John Stretton describes as “the installed Miyano fleet” of machines to 15. The two Miyano BNJ-42SY5 machines will be engaged to improve lead-times on existing components, and with the benefit of fast changeovers for short batch work, provide added capacity for new work from stainless steel and Inconel. Says Mr Stretton: “The boxway slide construction used on these machines is ideal to maximise productivity from such demanding materials.” Meanwhile, the nine-axis, twin-spindle ABX-64SYY will introduce larger capacity and expand the company’s single operational strategy.
For further information
www.citizenmachinery.co.uk

Ward CNC excel at X-Cel

The continual need to satisfy rising demand for consistently machined, high value workpieces has led to further capital equipment investment at Sheffield-based X-Cel AMP, including a number of Hyundai-Wia machines: a quartet of vertical and boring (VTL) machines; a two-axis CNC lathe; and a turning centre – all installed by T W Ward CNC Machinery, the exclusive UK distributor for Hyundai-Wia. The new machines are playing a key role in enabling the company to achieve impressive machining accuracies on a range of circular parts up to 22” diameter in difficult-to-machine high nickel alloys. The machines acquired are four Hyundai-Wia LV800R/L two-axis vertical boring and turning machines; a Hyundai-Wia L400C slant bed two-axis CNC lathe; and a Hyundai-Wia L300MC turning centre with C-axis and driven tools.
For further information
www.wardcnc.com

Hard turning proves faster than grinding

Sleeves and spools for servo control valves are now being hard-turned by Eaton Fluid Power of Havant on a robotically loaded CNC lathe built by Spinner, and supplied through UK agent, Whitehouse Machine Tools. The production cell has slashed cycle times by up to 600% compared with grinding, reducing manufacturing costs, while accuracy and surface finish have been maintained.

An additional annual saving of more than £20,000 has been achieved from a decrease in scrap, the cost of which has fallen from £2000 to £116 per month. The loss was mainly incurred during sleeve set-up and sometimes represented as much as 30% of a batch, which was problematic as the facility is a high mix, low volume production environment, so changeovers are frequent.

The automated lathe replaced two ageing grinding machines, an internal model for machining the inside diameters of the sleeves and a centreless model for plunge grinding the outside diameters of the spools. Capital investment in the Spinner lathe, which will pay for itself in 2.5 years, was significantly less than the cost of replacing two grinders.
For further information
www.wmtcnc.com

Diba eliminate bottleneck with Tornos

When Cambridge-based Diba Industries identified a bottleneck in its machine shop that produces connectors, fittings and adaptors for the fluid handling industry, it found the solution with a Tornos Delta 12/5 turning centre. Already a user of other sliding head turning centres with 16 and 32 mm diameter capacity, the first point of contact for Diba was its existing supplier. However, the only machines available proved over specified and too expensive, so Diba reviewed the Tornos range.

Commenting upon his reasoning, engineering project manager Paul Wright says: "While Tornos also have high end turning centres, the Delta proved a perfect fit for our parts as it had the right specification at the right price. What sealed the deal was the guide bush-less running that reduces bar remnants and the associated waste at the end of each bar."

From a productivity perspective, the Delta 12/5 has reduced some cycle times from four minutes down to 1 minute per part. This time saving of 3 hours a day or 60 hours a month is partially down to the twin-spindle set-up that completes each part in one-hit as opposed to additional set-ups on the previous single spindle machine.
For further information
www.tornos.com

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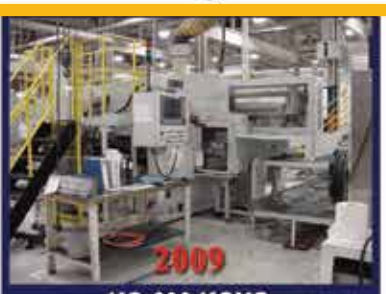

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ATP order second Index

Auto Turned Products (ATP), which specialises in manufacturing precision turned parts, presswork and assemblies for luxury vehicle builders like Jaguar Land Rover, Rolls-Royce, Bentley and Aston Martin, has ordered a second Index six-spindle CNC automatic turning machine from UK agent, Geo Kingsbury. The first, for turn-milling parts from bar up to 32 mm diameter, was installed in 2012 and will pay for itself this year. Vic Pais, CNC production engineer at ATP's Round Spinney factory, near Northampton, says that the latest Index multi, a 40 mm bar capacity MS40, is being purchased to extend the productivity advantages to larger diameter components.

For further information www.geokingsbury.com

Auction Spotlight

GoIndustry DoveBid is conducting a private treaty sale of two 350,000 tonne per annum merchant bar rolling mills by order of Gruppo Beltrame. Located in Luxembourg and Belgium, the rolling mills produce angle, flat, round and square bar. Also offered is a 200,000 tonne per annum merchant bar rolling mill located in Italy. This mill produces track shoes, bulb flats, flats, rounds, angles, squares, UPNs and rolled billets. Assets are available immediately.
+44 (0)7836 688453 http://international.go-dove.com/event-18597

CJM Asset Management is facilitating an online auction of machinery owned previously by Invicta Merchant Bar, Isle of Sheppey, UK. Lots include: a rolling mill including 10 Nuova Carpenteria Odolese 2Hi roughing stands (550-330 mm) with motors and gearboxes, intermediate stands (320 mm) with motors and gearboxes and various finishing stands; an Intac Zami 2000 CNC roll rubbing lathe; and various roll lathes. Viewing is on 2 and 3 June (10:00-16:00). Sale closes on 4 June from 12:00.
+44 (0)7876 682341 www.cjmasset.com

Cottrill & Co is staging an online auction of machines used previously by DG Steel & Son, Bury, UK. Lots include: a Kiheung U1000/2100 CNC bed mill with lift up conveyor; a Doosan VT1100 CNC vertical turning lathe; a Dean Smith & Grace Type 25 x 132 lathe with four-jaw chuck; a Churchill grinder 26" x 172"; a Huron KU5 universal mill with three-axis DRO; and an Asquith 16/72 ODI-MKII 6ft radial drill. Viewing is by appointment. Bidding ends on 11 June at 15:00.
+44 (0)121 328 2424 www.cottandco.com

1st Machinery is holding an online auction of machines from various UK sites. Lots include: a CMS NC-PMB36 CNC gantry machining centre; a Takisawa TS-30 CNC lathe; a Hitachi Seiki HG500 CNC HMC; a Colchester 4000 CNC gap bed lathe; a Bridgeport 560/16 VMC; a Hamai MC-5VA VMC; a Rambo ICC 1060 VMC; a Nikon E450N tool presetter (2013); and a Takisawa TC-2 CNC lathe. Viewing is by appointment. Auction date is 12 June at 15:00.
+44 (0)845 287 1290 www.1stmachineryauctions.com

IAG is hosting an online auction of woodworking machinery used previously by Algaydak Cocinas. Lots include: a Gabbiani Axioma 125 angular beam saw with unloader; two Steffani Genesis SB Combi one-pass twin-blade edge banding machine with load/unload; a Gabbiani Crossflex panel dividing saw with loader; a machining line featuring various Morbidelli drilling machines; a single side edge banding machine; and an SCM Sigma 65 single disc saw. Bidding closes on 19 June.
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FOR MORE AUCTIONS, SEE Pages 41 – 45

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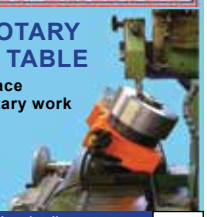

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SE37*# NEW	36	2x4	270	£1099.00	£1318.80
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#Supplied with starter *230v supply ‡ 400v, 3 phase

Clarke ENGINEERS DRILL PRESSES

- Tables tilt 0-45° left & right
- Depth gauge
- Chuck guards

B=Bench mounted F=Floor standing

FROM ONLY £64.99 EX.VAT £77.99 INC.VAT

MODEL	WATTS/ SPEEDS	EX VAT	INC VAT
CDP5EB	350/5	£64.99	£77.99
CDP101B	245/5	£79.98	£95.98
CDP151B	300/5	£106.99	£128.39
CDP10B	370/12	£159.98	£191.98
CDP301B	510/12	£199.98	£239.98
CDP451F	510/16	£239.98	£287.98
CDP501F	980/12	£429.00	£514.80

Clarke HOT WASHERS

MODEL SHOWN CLARKE HLS130

FROM ONLY £749.00 EX.VAT £898.80 INC.VAT

230V

‡ was £2279 inc.VAT

MODEL	MAX. PUMP PRESSURE	MOTOR	EXC.VAT	INC.VAT
Clarke Jet King 145	1595 psi	2.4 Hp	£749.00	£898.80
Karcher HDS5/11UX	1770 psi	3.2 kW	£995.00	£1194.00
Alto Neptune 1-22	1595 psi	2.8 kW	£1099.00	£1318.80
HLS130‡	1900 psi	3 kW	£1799.00	£2158.80
HLS160	2175 psi	5 kW	£1998.00	£2397.60

Clarke INDUSTRIAL MIG WELDERS

- Simple precise controls
- Built in timer
- Turbo fan cooling

MIG160TM

FROM ONLY £289.00 EX.VAT £346.80 INC.VAT

MODEL	AMPS	EXC.VAT	INC.VAT
MIG160TM	150	£289.00	£346.80
MIG165TEN	155	£339.00	£406.80
MIG175TECM	170	£409.00	£490.80
MIG195TEC	185	£519.00	£622.80
MIG205TE	185	£449.98	£539.98
MIG230TEC	210	£539.00	£646.80
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MIG270TE	260	£679.00	£814.80

Clarke SEWAGE CUTTER PUMP HEAVY DUTY SUBMERSIBLE PUMPS

- Ideal for flood relief, dirty water, pools, ponds etc
- Handles small solids
- All models with auto on/off float switch

HSEC650A

HSE130A

FROM ONLY £89.98 EX.VAT £107.98 INC.VAT

MODEL	MAX FLOW	MAX HEAD	EXC.VAT	INC.VAT
HSE130A	140 l/min	7m	£89.98	£107.98
HSE200A	200 l/min	8m	£99.98	£119.98
HSE300A	300 l/min	10m	£134.99	£161.99
HSE360A	360 l/min	12m	£169.98	£203.98
HSEC650A*	290 l/min	9.5m	£184.99	£221.99

*Sewage cutter pump

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The ultimate in tool storage!

① £119.98 EX.VAT £143.98 INC.VAT

② £249.98 EX.VAT £299.98 INC.VAT

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MODEL	DESCRIPTION	EX VAT	INC VAT
CBB206B	6 Dr Chest	£99.98	£119.98
① CBB209B	9 Dr Chest	£119.98	£143.98
CBB210B	10 Dr Chest	£139.98	£167.98
CBB203B	3 Dr step up	£69.98	£83.98
CBB215B	5 Dr Cabinet	£199.98	£239.98
CBB212B	3 Dr Cabinet	£169.98	£203.98
② CBB217B	7 Dr Cabinet	£249.98	£299.98
CBB213B	3 Dr Cabinet	£199.98	£239.98

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EXTRA DUCTING IN STOCK

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- Great for Air in & Air out
- Ideal for Venting Fumes
- 230V/1 Phase motor

MODEL	MOTOR	MAX FLOW	EX VAT	INC VAT
CAM200	165W	838cfm	£99.98	£119.98
CAM250	250W	1284cfm	£114.99	£137.99
CAM300	392W	2070cfm	£139.98	£167.98

Clarke CBM250SS BOOSTER PUMPS

FROM ONLY £149.98 EX.VAT £179.98 INC.VAT

- Self priming pump
- Auto pressure on/off switch
- Maintains water pressure

MODEL	MOTOR	MAX FLOW	MAX HEAD	EX VAT	INC VAT
BPT600	600w	50 LTR/M	35M	£149.98	£179.98
BPT1200SS	1200w	61 LTR/M	46M	£179.98	£215.98
CBM240E	1000w	101 LTR/M	48M	£249.98	£299.98
CBM250SS	1250w	100 LTR/M	60M	£349.98	£419.98

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CS4700BO

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MODEL	DIMS WxDxH (mm)	EX VAT	INC VAT
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CWB2000B	2000x650x880	£259.98	£311.98

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Clarke CST18 HEAVY DUTY SACK TRUCKS

- Ideal for use on delivery vehicles warehouses, factories etc

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CST6

MODEL	MAX. CAPACITY	WEIGHT	EX VAT	INC VAT
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CST5	250kg	12.5kg	£32.99	£39.59
CST6	300kg	22.5kg	£54.99	£65.99
CST18	300kg	15KG	£54.99	£65.99

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* Available with/without 10 piece pin, bracket & pressing plate
‡Without kit

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CVAC30SSR	1400W	24/21ltr	£86.99	£104.39

* SS = Stainless Steel

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5000x2500x1600mm
Table: 2500x1800mm
CNC Heidenhain iTNC 530
Ø bore : 130mm
YOM : 2006
NEW ARRIVAL

ALEX TECH VIPER VT 70Ax2000
Max Ø 1150mm – BC : 2000mm – FANUC Oi-TD
Manual Guide – Ø bore : 260mm – with steady rest

AMADA VIPROS 357
30T – 1830x1270mm

HARTFORT VMC 850
850x510x510mm
Table : 1000x450mm

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20x3050mm
Max. Pre-Bend : 15mm

GASPARINI CO 6030
30x6150 mm
CYBELEC DNC 30

SUPERMAX TC2
max Ø : 480mm – BC : 550mm
FANUC – Chip Conveyor

SAF OXYTOME 20 HPC
6000x2950mm – HPC DIGITAL
PROCESS D610 – NETRAJET HP 125

ALCERA 803
800x300x500mm
Table : 1200x800mm

AMADA APX 100-30
100T – 3100mm – AMADA OPERATOR 2
7 axis

PROTH PSGS 2550 AH
600x280mm – Max Height : 490mm
Table : 500x250mm

TORNOS ENC 162
Spindle bore : from 2 to 16mm
Max. length of the parts : 160mm

GSP 407 C22
Drilling radius : 2500
Drilling capacity : 70mm

STANKO 1M 658
BC : 8000mm – HC : 500mm
Max Ø : 740mm

SACHMAN ARAKOS 521
3000x1050x1500mm
Heidenhain TNC 415

MAZAK V515
1050x510x560mm
MAZATROL 640

BRIDGEPORT VMC 500 XP/16
500x340x520 mm – Table : 840x360mm
Heidenhain TNC 426P – YOM : 2002

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6400x1202x1517mm
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2235x1620x1020x1200mm
5 axis – Heidenhain TNC 426

BERTHIEZ JM9135
Vertical Lathe
Plate ø : 3000 mm
Max. ø : 6000 mm
Max. height : 2460 mm
Max Load : 50 T.
DRO : 4 axis

KASTO TWIN A4
Round bar capacity : 400 mm
Flat bars shear : 400x400 mm

AMB PICOT CRHE 3030
30x3100mm

MAZAK VTC 20 C
1660x510x510mm – MAZATROL M PLUS

LEADWELL FMC 560
560x420x490mm – 2xpallets – FANUC Oi-MD
Rotopallet – Operating hours : 501 h.

SCHLEBACH QUADRO CN + KONI
Roll forming machine &
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DONAU DANUSYS 3910
3900x1000x700mm

TOS WHN 13
2050x2070x1300x800mm
NUM 1060

BYSTRONIC VR 6.5-40
6.5 x 4050mm
CYBELEC DNC 60

DECKEL MAHO DMU 50M
500x400x400mm
Heidenhain TNC 124

ALCERA 803
800x300x500mm
Table : 1200x800mm

VDF
HC : 480mm – BC : 4500mm
Max Ø : 970mm

DORRIES SD280/3500
Ø 2800mm – Max height : 2315mm
Max Ø : 3500mm

MARIANI 187 PR
200T.
Table : 3050x500mm

JOHNFORD TC 75
BC : 1750mm – Max Ø : 700mm
FANUC OT-F

SKODA WD 200 B
Ø 200mm - 8000 x 3150 x 1600 x 400 mm
Floor plates: 1unit 8000 x 1900 mm
+ 2units 4000 x 1900 mm

SCULFORT FABRICAP 650x10000
HC : 650mm – BC : 10 000mm
Max Ø : 1000mm

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Daewoo Puma MX2500S, 7 axis, 2005, Fanuc 18iTB, 2 x 250mm chucks, 40atc Capto C6, toolsetter, 20 bar coolant, swarf conveyor, max turning dia 550mm, length 1020mm, bar cap 76mm, 26kw. Cutting Time 3,219 Hrs. **£110,000**

Daewoo Puma TT1800SY, 2006 (Installed 2007), Fanuc 18iTB, FMB 4 Metre Mag Bar Feed, Toolsetter, Parts Catcher & Conveyor, Collet Chuck & 29 Collets, Kitigawa BB206 Sub Spindle Chuck, 2 x 12 Stn Turrets, 5 Axial & 3 Radial Driv Holders, Swarf Conveyor, max turning dia 210mm. length both turrets 230mm, bar capacity 65mm. **£110,000**

Yang ML25A, 1995, Fanuc 0T, ML1 Short Mag Barfeed, 10" chuck, Collet Chuck & Collets, Toolsetter, Parts catcher (incomplete), 8 stn turret, Tailstock, 280mm turning dia x 520mm length, 64mm bar cap. **£14,950**

Mikron 102.05MPS Gear Hobber, spur & helical 120mm, max length hobbed 130mm, Mod 2, automatic hobbing cycles - combination plunge & longitudinal hobbing with double pass of hob, combination plunge & longitudinal hobbing, logitudinal hobbing, plunge hobbing, cabinet of tooling. **£14,950**

Bridgeport Interact 1 Mk 2, 1996, Heidenhain 370, table guards, tooling, Table Size 1066 x 317mm. Trav 457 x 305 x 125mm. BE QC30INT Taper. **£7,950**

Multifeed MX1B Short Mag Bar Feed, 1.5 metre bars, 3-80mm dia. **£4,750**

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DRILLING, 16ATC COOLANT THRU
SPINDLE, TABLE 1600MM

TRAVELLING COLUMN
RAM TYPE MILLING HURON LU
DIGITAL CAP 5000X1000X2000MM

THREAD ROLLING
ESCOFIER H 40Z
YEAR 1998

UNIVERSAL GRINDER
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CAP 480X200MM TOOLING

VERTICAL LATHE
BERTHIEZ J 125
1250MM TABLE DIGITAL

HORIZONTAL BORING
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DIGITAL MILLING HEAD

CNC MILLING
MAHO MH 800E
YEAR 1990

HURON MU 66 MILLING DIGITAL
TABLE 2000X700MM
CAP 1500X1000X550MM

VERTICAL TURNING BERTHIEZ
TABLE 2000MM SWING 2450MM
JOB HEIGHT 1850MM 200RPM
TABLE LOAD 20TONS

CNC GEAR HOBBING
GLEASON PFAUTER P 400
YEAR 2002 CNC SIEMENS 840
CAP 600MM MODUL 12

RAM TYPE FLOOR BORING
ERNAULT
SPINDLE 160MM
CAP 8000X3000MM DIGITAL

GEAR GRINDER
NILES
YEAR 1986
CAP 1250MM TOOLING

SMTCL CNC TURNING
YEAR 2008 SIEMENS CONTROL
CAP 5000X800MM

CNC DUPLEX GRINDER GIUSTINA
CNC SIEMENS ROTARY FEED
WHEELS DIAMETER 600MM

CNC TURNING TACCHI
YEAR 2006 SIEMENS 840
CAP 3000X1600MM C AXIS Y AXIS
22KW TURRET 12 POSITIONS

VERTICAL LATHE
SCHIESS KZ 250
TABLE 2500MM DIGITAL

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CNC LATHES

2006 DAEWOO LYNX 220 LM 160mm chuck. Fanuc control.
320mm cutting diameter. 30m/min rapid feedrates. 15kW spindle motor.
6,000rpm spindle speed. 510mm swing. 290mm swing over the cross-slide.
80mm quill stroke. MT4 tailstock taper. **£POA**

2004
GILDEMEISTER CTX 510
Fanuc 21i TB control.
320mm chuck.
3500 driven tools spindle speed.
42kW main motor.
1050mm turning length.
42 kW / 31kW spindle motor power.
680mm swing.
465mm swing over carriage.
£POA

1999
DAEWOO PUMA 230MSB
65mm bar. 210mm chuck.
FANUC 18TB control.
TWO machines available.
£32,500

2007 LEADWELL LTC30P
115mm bar capacity. 480mm cutting diameter.
875mm length. 12/min rapid feedrates.
381mm chuck. 30kW spindle motor. **£POA**

2000 HARDINGE QUEST 51
51mm bar capacity, 200mm chuck, C axis & milling, tailstock, interlocked guards, 3 jaw chuck, collet chuck, tooling, C axis, 4 axis. **£POA**

1999 MAZAK QT 20
15kW spindle motor. A2-6" spindle nose. 5000rpm spindle speed. 12 position turret tool change capacity.
25 x 25 tool size. 12 turret positions. **£17,950**

1996 DAEWOO PUMA 12L
77mm bar. 315mm chuck. FANUC OTC control.
1020mm between centres. 480mm cutting diameter.
£19,950

2004 DAEWOO LYNX 210
52mm bar capacity. 165mm chuck size. Fanuc 0iT control. Tool setter, tailstock, interlocked guards, collet chuck, parts catcher, tooling. **£22,500**

1995 MORI SEIKI SL 25Y
340mm cutting diameter. 15kW spindle motor.
3500rpm spindle. 520mm swing. +_ 50mm Y axis travel. 250mm chuck. Fanuc 15 control. **£32,500**

1999 CITIZEN B12- VI
12mm cutting diameter. 135mm cutting length.
21 / 15 / 12 m/min rapid feedrates.
12000 rpm spindle. **£POA**

2007 PINACHO TAURUS 310 TEACH LATHE
180mm quill stroke. 10m/min rapid feedrates.
105mm spindle bore. 11kw spindle motor.
Fanuc control. **£22,500**

2008 PINACHIO TAURUS 260 TEACH LATHE
Tailstock, interlocked guards, low volt light,
3 jaw chuck, gearbox.
£21,000

1996 COLCHESTER TORNADO 200
65mm bar capacity. FANUC OT control.
400mm between centres. 250mm cutting diameter.
18.5kW spindle motor. 530mm swing. **£POA**

2x ECOCA SJ 35B/35G
80mm bar. 120mm quill stroke.
15m/min rapid feedrates.
20hp spindle motor. 800mm spindle. **£POA**

HARDINGE CONQUEST 42 TWIN TURRET
42mm bar capacity. Fanuc 18T control.
228mm cutting diameter. 353mm cutting length.
7.5kW spindle motor. 16C spindle nose. **£17,950**

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Rigid tapping, coolant bed wash.
15,000rpm spindle.
30 position tool change capacity.
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BT40 taper:
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Traverses XYZ: 762 x 410 x 510 mm.
Machine dimensions L x D x H: 2410 x 2370 x 2730 mm.
Machine weight: 5,000kg.
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13500kg machine weight.
37Kw spindle motor.
4000rpm (2 speed gearbox) spindle speed.
Table size: 1700 x 650mm.
30 station tool change capacity.
BT50 tool size.
Traverses XYZ:
1650 x 700 x 700mm.
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2006 XYZ 1010 5 axis 11kW spindle motor. 8000rpm spindle speed. 20 station tool change capacity. BT40 tool size. Traverses XYZ: 1020 x 520 x 560mm. Siemens 810D control. **£POA**

2013 HARDINGE 480P3 - NEW 7.5kW spindle motor. 10000rpm spindle. 600 x 400mm. 20 position side mounted QCTC. Traverses XYZ 480 x 400 x 330mm. Fanuc oiMD control. **£32,500**

2006 HARDINGE BRIDGEPORT 5AX 500 XP3 BT40 spindle taper. Heidenhain iTNC 530 control. 15000 rpm spindle. Traverses XYZ: 700 x 590 x 430 mm. *Library picture shown.* **£POA**

2001 HARDINGE VMC1000II Siemens 810 control with Shopmill. 13kW spindle motor. BT40 spindle nose. 8000rpm spindle speed. Traverses XYZ: 1000 x 510 x 510mm. **£19,950**

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ATC – 24 Station.
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XYZ: 1650 x 700 x700mm, table 1700 x 650mm, 4000rpm through 2 speed gearbox, motor 37kW, Heidenhain TNC410, taper BT50, 30 station ATC, swarf conveyor, coolant. Weight 13,500 kg. £ POA

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Daewoo Puma 12L CNC Lathe (1996)
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XYZ 1010VMC (2006)
X Y Z: 1020 x 520 x 560mm, Table size 1120 x 500mm, 8000rpm, motor 11kW, Heidenhain TNC530, Spindle taper BT40, 20 station ATC, Coolant, t/setter. £ 25,000

Ecoca SJ-30B CNC Turning Centre (1996)
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JUNE COLLECTIVE ON-LINE AUCTION SALE

VIEWING: **TUESDAY 10th JUNE 2014**
AUCTION DATE: **THURSDAY 12th JUNE 2014**

Over 400 Lots including: CNC, Boring / Grinding / Milling / Turning / Sawing Machines, Presses / Press Brakes / Guillotines / Welding, Furnaces, Laboratory / Inspection / NDT, Small Tooling, Electronics, Office Furniture, Factory / Miscellaneous Equipment etc etc

PFI SUPPLIES LTD - PHASE 2 AUCTION

VIEWING: **TUESDAY 17th JUNE 2014**
AUCTION DATE: **FRIDAY 20th JUNE 2014**

Over 700 Lots (mainly packaged & unused) including:- Dewalt, Makita, Bosch, AEG, Milwaukee, Irwin, Grundfoss, Stanley, Janitol, Debs, PortWest, Norbar, Starrett, Moore & Wright, Dormer etc 110/240v power tools, small tooling, inspection, cleaning products, PPE equipment, consumables, fastenings, hand tools, garden equipment, oils / grease etc etc

Please visit www.ppauctions.com for more details / further sales information

BBC TVC - PHASE 1 - 3 DAY AUCTION

VIEWING: **THURSDAY 19th & TUESDAY 24th JUNE 2014**
AUCTION DATE: **WEDNESDAY 25th, THURSDAY 26th & FRIDAY 27th JUNE 2014**

BBC

Over 1200 Lots including: Stereo / Digital Mixing Desks, Sundry Broadcast Equipment, Rack / Control Room Equipment, BBC Memorabilia / Heritage Equipment / Microphones, Office Furniture / IT / Miscellaneous Equipment etc etc

PROMAC PRECISION ENGINEERING LTD AUCTION

VIEWING: **TUESDAY 22nd JULY 2014**
AUCTION DATE: **THURSDAY 24th JULY 2014**

Promac

Retirement Auction Sale including: SIP 5E jig borer, Huron NU3 universal mill, 2x Cincinnati 207MK horizontal mills, KRV 3000 turret mill, Colchester Mascott 1600 & Harrison M400 gap bed lathes, Herbert 2D & 7 Preoptive capstan lathes, Jones & Shipman 540P & Aberwerk surface grinders, Churchill etc universal & internal grinders, Lapointe type 31 horizontal broach, Picco keyseater, Jaespa horizontal bandsaw, drills / lappers / engraver / shot blast cabinet / compressors / inspection / small tooling etc etc

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Online Auction Sale

CNC & Conventional Fabrication Equipment previously used by

NMG Acoustic Engineering Ltd

Cottrill & Co.
WORLDWIDE ASSET DISPOSALS

Bidding Ends: Tuesday 10th June 2014 at 3.00pm (UK Time)

Viewing by Appointment only with the Auctioneer

- **Adira** QH 6325 – 63 Ton x 2500mm Over Bed Upstroking Hydraulic Press Brake
- **Promecam** 80Ton x 2550mm Over Bed Upstroking, Hydraulic CNC Press Brake
- **Promecam** 2.5m Press Brake with Promecam CNC EMA Control
- **Simerom** FGH 630 – 3000mm x 6mm Hydraulic Variable Rake Guillotine (1996)
- **Morgan Rushworth** PHRW2025/100 Initial Pinch Bending Rolls (1999)
- **Morgan** 90" x 3/8" Capacity Plate Rolls
- **Edwards** 100" x 4" (2000mm x 100mm) Diameter Geared Hand Rolls
- **Birlik** Model PBH 45 & PBH 60 Hydraulic Section Rolls
- **HM** MB700S 650mm x 1.5mm Hand Operated Box and Pan Folding Machine
- **Mac** 65Ton Hydraulic Portable Punching Machine
- **FJ Edwards Besco** 2500mm x 2mm Manual Folder
- Set of Hand Rolls, Size 300mm (2011)
- **Haco** Maxi 250mm x 250mm x 6mm Corner Notcher (2008)
- **Spadi** TN220 Tube Notching and Belt Grinding Machine
- Pneumatic Operated Corner Notching Machine
- **Amada** CS220 Fixed Angle Corner Notcher
- **Hoffler** Model 20 Button Punch Snap Lock Machine
- **Haigh** Double Head Button Punch Flanging Machine
- **Kingsland** 45XA 45Ton Hydraulic Universal Steelworker
- **Ficep** Model UIW40 Mechanical Steelworker
- **Citoborma** 490 Paper Drilling Machine
- **Jaespa** ASH15, 1500mm Throat Vertical Bandsaw
- **Startrite** Volant 24 Vertical Bandsaw
- **Tomet** 270 SXD Hydro Horizontal Bandsaw (2007)
- **Pinnacle** Model MHB 10116 Horizontal Bandsaw
- **Draper** Model MBS 46A Single Phase Bandsaw
- **Jones & Shipman** 310T Tool and Cutter Grinder
- **Jones & Shipman** 1076 Universal Cylindrical Grinding Machine
- **XYZ** 140 SS & SC Centre Lathe
- **Elliott** 60 Gap Bed Centre Lathe
- **Semco** Model 196VS Turret Mill
- **Bridgeport** Turret Mill
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Online Auction Sale

CNC & Conventional Machine Tools previously used by D.G Steel & Son Engineering Ltd, Bury

Cottrill & Co.
WORLDWIDE ASSET DISPOSALS

Bidding Ends: Wednesday 11th June 2014 at 3.00pm (UK Time)
Viewing by Appointment only with the Auctioneer

- **Kiheung** U1000/2100 Bed Type Milling Machine with Heidenhain i530 Control System, Manual Head & Lift Up Conveyor (2012)
- **Doosan** VT1100 Vertical Turning Machine (2008) with Cromar S300301A Swarf Conveyor (2007)
- **Dean Smith & Grace** Type 25 x 132 Lathe with 4-Jaw Chuck, Rapid Reverse, Taper Turning & 3-Point Fixed Steady
- **Churchill** Grinder— 26" x 172"
- **Huron** KU5 Universal Milling Machine with 3-Axis D.R.O
- **Asquith** 16/72 Model ODI-MK11 6ft Radial Arm Drill

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June 12th Collective Auction

1st Machinery Auctions are offering various Machines from Various UK Sites.
Please see each lot for details. Contact the auctioneers for more details: 0845 287 1290

Online Auction Date: Thursday 12th June 2014 – 3pm BST.
Viewing Dates: Appointment only – info@1stmachineryauctions.com

CMS NC-PMB36 3500mm x 3000mm Table Gantry CNC Machining Centre

Behringer HBP360OA Automatic Bandsaw

Nikken E450N Tool Presetter (2013)

Bridgeport VMC 560/16 Vertical Machining Centre (1993)

Colchester CNC 4000 CNC Gap Bed Lathe (1996)

Takisawa TS-30 2 CNC Turning Lathe

HITACHI SEIKI HG500 CNC Horizontal Machining Centre (1995)

HAMAI MC-5VA CNC Vertical Machining Centre (1991)

CRAIG & DONALD 250 Ton Press (1978)

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- Colchester Round Head Student Lathe
- Herbert 4 Spindle Drill
- Bridgeport Turret Mill
- Crossley Induction Hardening Machine
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- Wilson Tukon Model LL Micro Hardnesss Tester• 3 Boxes of Pin Gauges
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- Mitutoyo Inspection Table
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- 6" 3 jaw chuck
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- KANON 300mm Height Gauge
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Plus More Items To Be Added

June 12th Vice Auction

A selection of Bench and Machine Vices formally used by Finn Machine Company.

Online Auction: Thursday 12th June 2014 – 3pm BST.
Viewing Appointment only. Location: Coventry

- 2 x Bench vice 5" quick release
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- **'07, Mega BS250 Auto Saw**
- **'97, Fiat FT80 8 ton Forklift**
- **'05, Lansing Side Loader**
- **'96, Cinncinati Sabre 500**
- **2 x Emi Mec Microsprint 50 CNC Lathes**
- **General Machinery and Equipment**

VIEWING: Thursday 5th June, 2014 10am – 4pm

LOCATION: Remnant Plant Ltd, Lydney Harbour Estate, Lydney, Glos. GL15 4EJ

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REISHAUER RZ 361 S
No. **09139** new in: 1992/05/12
max. wheel diam 360 mm
gear width 180 mm

Gear Hobbing Machine - Vertical
PFAUTER P 1250
No. **10589** new in: 1960/2012
max. wheel diam 1250 mm
gear width 580 mm

Rotary Table Grinding Machine - 3 Spdl.
SIELEMANN RFBR 80
No. **10803** new in: 1972
rotary table di 800 mm
grinding height 550 mm
grinding head - -- kW

Gear Grinding Machine
HOEFLER NOVA 1000 CNC
No. **11987** new in: 1995
max. wheel diam 1000 mm
gear width 590 mm

Gear Grinding Machine
REISHAUER RZ 301 S
No. **07753** new in: 1990
max. wheel diam 330 mm
gear width 180 mm

Gear Hobbing Machine - Vertical
PFAUTER P 2500 B
No. **11748** new in: 1974
max. wheel diam 2500 mm
gear width 1050 mm

more information and technical details: www.kemmerich.biz

Kemmerich Werkzeugmaschinen GmbH * Im Rottfeld 1a * 40789 Monheim/Rhein

We exhibit on USETEC Cologne 2014 - Hall 9 Booth C-133

mondiale

YOUR PARTNER IN MACHINERY

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SINCE 1921

MAZAK CNC 5-Axis High Speed Horizontal Machining Center

Type H-1250
X = 1524 mm
Y = 1524 mm
Z = 1550 mm
A = 10° - 100°

B = 360°
Pallet size 1000 x 1000
ATC 120 pos
FULL FMS System
with 12 stations

ZAYER CNC Bed Milling Machine

Type KFU 3000
X = 2700 mm
Y = 1016 mm
Z = 1500 mm

ATC 60 pos
Motor 37 KW
Control Heidenhain TNC 355

OKUMA CNC Bridge Type Machining Center

Type MCV16A
X = 2000 mm
Y = 1600 mm
Z = 1000 mm

Quil 400 mm
Pallet size: 1700 x 1000 mm (2 pcs)
Between columns: 1650 mm
ATC: 50 pos.
Control: OSP 5000 M

BURKHARDT & WEBER Horizontal Machining Center

Type MC60
X = 800 mm
Y = 630 mm
Z = 630 mm

Pallet size: 630 x 630 mm (2 pallets)
ATC: 180 pos.
Control: Siemens 850 M

CINCINNATI CNC 4-Axis Horizontal Machining Center

Type 20HC2500
X = 2500 mm
Y = 76-990 mm
Z = 101-812 mm

2 index tables 815 x 815 mm
Control Fanuc 16i-M
CIM-X-CHANGER
ATC 30 pos.
ISO 50

LINE Bridge Type Milling Machine

X = 8000 mm
Y = 2 x 900 mm
Z = 1350 mm

Table size: 8000 x 1250 mm
Distance between
columns: 1550 mm

UNION NC Horizontal Boring Mill

Type BFT110/6
X = 2000 mm
Y = 1600 mm
Z = 1950 mm

Table size: 1400 x 1600 mm
Spindle diameter: 110 mm
Control: Heidenhain

FAVRETTO Bedway Grinding Machine

Type FR80.70.5000
Grinding length: 5000 mm
Grinding width: 800 mm
Max. height: 700 mm